

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	14	"3665193"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/10 15:08
L3	5	"5773830"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/10 13:39
L4	12	("4465932"   "4833328"   "5075096"   "5079425"   "5097133"   "5128546"   "5212385"   "5314570"   "5368897"   "5418018"   "5527565").PN. OR ("5773830"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 08:10
L5	17	("2760078"   "2765385"   "3113220"   "3212940").PN. OR ("3665193").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 08:10
L6	10558	diamond and plate and crystal\$4 and metal and aluminum	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 11:46
L7	1	L6 and L4	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 08:19
L8	1	L6 and L5	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 10:11
L9	10	("2694112"   "2760078"   "3201590"   "3665193").PN. OR ("3858047").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 08:13
L10	1	L6 and L9	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 08:13
L11	8509	diamond and plate and crystal\$4 and metal and aluminum and (substrate or wafer)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 08:21
L12	1	L11 and L4	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 08:22
L15	21	("4871581"   "5023109"   "5106452"   "5110405"   "5110577"   "5117299"   "5124179"   "5142390"   "5145711"   "5268201"   "5275798").PN. OR ("5418018"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 08:22

## EAST Search History

L16	1	L11 and L15	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 08:22
L17	15962	diamond and plate and crystal\$4 and metal	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 08:41
L18	17	diamond and plate and crystal\$4 and metal and substrat	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 08:44
L19	12210	diamond and plate and crystal\$4 and metal and (substrate or wafer)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 08:53
L20	2656	L19 and detector	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 08:45
L21	27	250/370\$.ccls. and L20	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 08:48
L22	2935	(diamond same plate) and (substrate or wafer) and metal and coat\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 08:53
L23	5	250/370\$.ccls. and L22	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 08:53
L24	1	("6362482").PN. OR ("7075104"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 08:52
L25	1	250/370\$.ccls. and L24	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 08:53
L27	5	diamond and plate and crystal\$4 and metal and (substrate or wafer) and 250/370.01.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 09:03
L28	5748	diamond and plate and crystal\$4 and metal and (substrate or wafer) and ceramic	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 09:04
L29	762	diamond and plate and crystal\$4 and metal and (substrate or wafer) and ceramic and orifice	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 09:05
L30	1	L29 and 250/370\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 09:06
L31	12	L29 and "250"\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 09:04

## EAST Search History

L32	4056	diamond and plate and crystal\$4 and metal and (substrate or wafer) and ceramic and (hole or window or apertur\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 09:20
L33	8	L32 and 250/370\$.cccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 09:06
L35	2	L32 and L4	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 09:22
L36	10	("2694112"   "2760078"   "3201590"   "3665193").PN. OR ("3858047").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 09:16
L37	17	("2760078"   "2765385"   "3113220"   "3212940").PN. OR ("3665193").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 09:20
L40	2	diamond and plate and crystal\$4 and metal and L37	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 09:22
L41	10	("2694112"   "2760078"   "3201590"   "3665193").PN. OR ("3858047").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 09:21
L42	14	("3638022"   "3665193"   "3858047"   "4045674"   "4399364"   "4465932"   "4833328").PN. OR ("5097133").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 09:21
L44	4	diamond and plate and crystal\$4 and metal and L42	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 09:22
L47	4	diamond and plate and crystal\$4 and metal and L42	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 09:48
L48	15	("2760078"   "2765385"   "2806145"   "2951942").PN. OR ("3638022").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 09:46
L49	91515	han.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 09:46
L50	220	L49 and fabricat\$4 and diamond	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 09:46
L51	2	souw.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 09:47

## EAST Search History

L52	7	("20020052174"   "20030104769"   "20050003738"   "20050101228"   "20050148185"   "20050170760"   "5225766").PN. OR ("7048610").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 09:48
L54	31085	wang.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 09:50
L55	126	krammer.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 09:50
L58	11	("4288264"   "4768073"   "5319206"   "5323051"   "5365356"   "5380179"   "5693947"   "5718615"   "6008070").PN. OR ("6559451").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 10:01
L64	22	250/370\$.ccls. and substrate and diamond and plate and aluminum and (window or hole or orifice)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 10:13
L65	3	(US-3665193-\$ or US-5773830-\$ or US-3638022-\$).did.	USPAT	OR	ON	2006/10/10 10:45
L67	7	("3612858"   "5079425"   "5387795"   "5404014").PN. OR ("5717214").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 10:46
L71	4	(US-3665193-\$ or US-5773830-\$ or US-3638022-\$ or US-5717214-\$).did.	USPAT	OR	ON	2006/10/10 11:25
L78	460	L6 and (non\$1 adj metal\$4)	USPAT	OR	ON	2006/10/10 15:10
L79	1	L15 and (non\$1 adj metal\$4)	USPAT	OR	ON	2006/10/10 11:28
L81	573	diamond and plate and crystal\$4 and metal and (non\$1 adj metal\$4)	USPAT	OR	ON	2006/10/10 11:29
L83	4	(US-3665193-\$ or US-5773830-\$ or US-3638022-\$ or US-5717214-\$).did.	USPAT	OR	ON	2006/10/10 11:42
L86	1741	L11 and metal and strip\$4	USPAT	OR	ON	2006/10/10 11:43
L89	935	diamond and plate and crystal\$4 and metal and aluminum and (non\$1 adj metal\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 11:47
L90	727	diamond and plate and crystal\$4 and metal and aluminum and substrate and (non\$1 adj metal\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 11:47
L91	15	L90 and "250"\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 11:47

## EAST Search History

L93	1	L4 and (non\$1 same metal\$4)	USPAT	OR	ON	2006/10/10 11:51
L94	1	L5 and (non\$1 same metal\$4)	USPAT	OR	ON	2006/10/10 11:51
L95	5	L5 and metal\$4	USPAT	OR	ON	2006/10/10 11:51
L96	5	(US-3665193-\$ or US-5773830-\$ or US-3638022-\$ or US-5717214-\$ or US-4064074-\$).did.	USPAT	OR	ON	2006/10/10 13:09
L97	3	L96 and (hous\$4 or chamber)	USPAT	OR	ON	2006/10/10 13:09
L98	2	"5773830" and film and conduct\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/10 13:40
L99	3	"5773830" and conduct\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/10 13:41
L100	1	"5717214" and film and conduct\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/10 13:59
L101	2	"5717214" and gas	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/10 13:59
L102	8	("5173612"   "5216249"   "5298749"   "5471947"   "5562769"   "5717214"   "6453748"   "6582513").PN. OR ("6952016").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 15:07
L104	721	250/370.01.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 15:07
L105	99	250/370.05.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 15:07
L106	159	250/339.01.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 15:07
L107	479	250/338.4.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 15:07
L108	188	250/484.3.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 15:07
L109	772	250/336.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 15:07

## EAST Search History

L110	1029	257/77.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 15:08
L111	769	257/536.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 15:08
L112	373	257/537.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 15:08
L113	7	L6 and L104	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/10 15:09
L114	3	L6 and L105	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/10 15:08
L115	1	L6 and L106	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/10 15:08
L118	5	L6 and L109	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/10 15:08
L119	33	L6 and L110	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/10 15:08
L120	2	L6 and L111	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/10 15:08
L122	11	("4288264"   "4768073"   "5319206"   "5323051"   "5365356"   "5380179"   "5693947"   "5718615"   "6008070").PN. OR ("6559451"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 15:09
L123	460	L6 and (non\$1 adj metal\$4)	USPAT	OR	ON	2006/10/10 15:10
L125	1	L123 and L104	USPAT	OR	ON	2006/10/10 15:10
L126	2	L123 and L105	USPAT	OR	ON	2006/10/10 15:10
L127	1	L123 and L106	USPAT	OR	ON	2006/10/10 15:10
L130	1	L123 and L109	USPAT	OR	ON	2006/10/10 15:10
L131	1	L123 and L110	USPAT	OR	ON	2006/10/10 15:10